

The present invention relates to a composition and use of polymeric urethane ester quats as an active ingredient for skin and hair contacting personal care compositions and products related thereto. These compositions are generally produced by the reaction of a trialkanolamine with a hydroxy fatty acid to produce a trialkanolamine fatty acid ester, which is then polymerized with a diisocyanate and in preferred embodiments, further reacted with a quaternizing agent, to produce preferred quaternized compositions according to the present invention.

Variable	Mean	Standard Deviation	Minimum	Maximum
Age	34.5	10.2	21	55
Gender	0.5	0.5	0	1
Marital Status	0.7	0.5	0	1
Education	12.5	2.1	9	16
Income	15000	5000	5000	30000
Health	0.8	0.4	0	1
Exercise	0.3	0.5	0	1
Stress	0.6	0.5	0	1
Sleep	0.7	0.4	0	1
Diet	0.5	0.5	0	1
Smoking	0.2	0.4	0	1
Alcohol	0.1	0.3	0	1
Family Size	2.5	1.2	1	5
Work Hours	40	5	30	50
Job Satisfaction	0.6	0.5	0	1
Life Satisfaction	0.7	0.4	0	1
Overall Health	0.8	0.4	0	1